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SERIAL NO.: 10/750,224 DOCKET NO.: 884.855US1



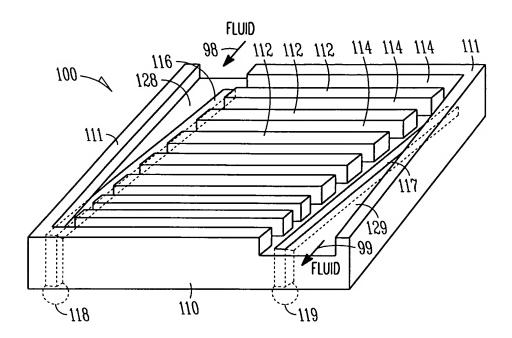


FIG. 1

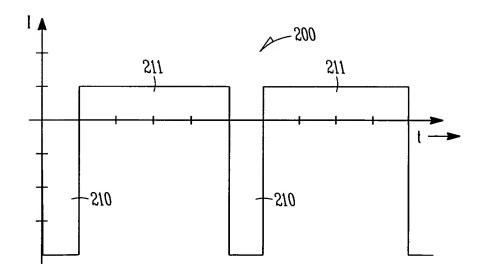


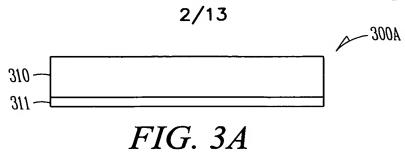
FIG. 2

APPARATUS AND METHOD INTEGRATING AN ELECTRO-OSMOTIC PUMP AND MICROCHANNEL ASSEMBLY INTO A DIE PACKAGE

INVENTOR'S NAME: ALAN M. MYERS, ET AL.

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SERIAL NO.: 10/750,224 DOCKET NO.: 884.855US1



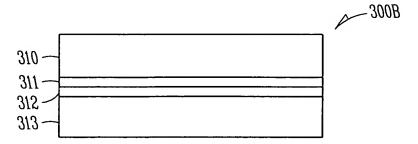


FIG. 3B

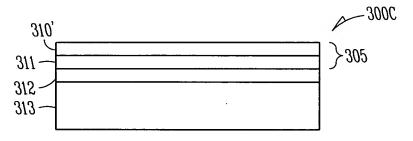


FIG. 3C

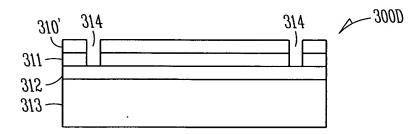


FIG. 3D

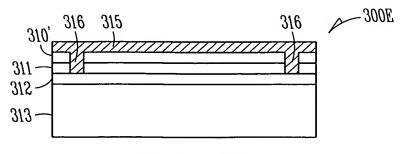
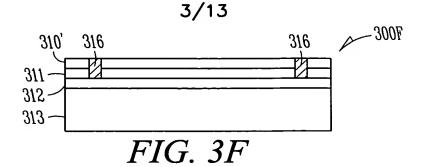


FIG. 3E

PPARATUS AND METHOD INTEGRATING AN ELECTRO-OSMOTIC PUMP AND MICROCHANNEL ASSEMBLY INTO A DIE PACKAGE

INVENTOR'S NAME: ALAN M. MYERS, ET AL. SERIAL NO.: 10/750,224 DOCKET NO.: 884.855US1

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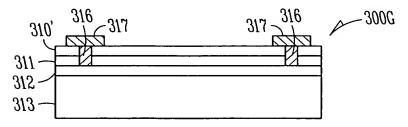


FIG. 3G

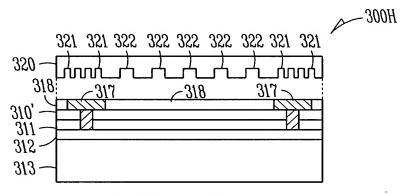


FIG. 3H

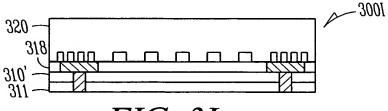


FIG. 3I

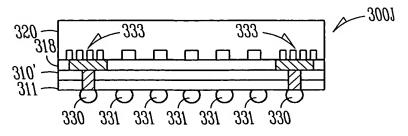


FIG. 3J

E APPARATUS AND METHOD INTEGRATING AN ELECTRO-OSMOTIC PUMP AND MICROCHANNEL ASSEMBLY INTO A DIE PACKAGE

INVENTOR'S NAME: ALAN M. MYERS, ET AL. SERIAL NO.: 10/750,224 DOCKET NO.: 884.855US1

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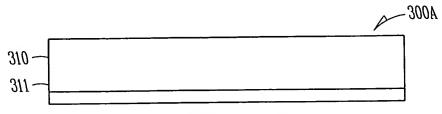


FIG. 4A

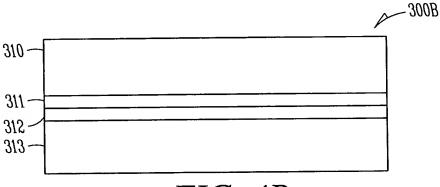


FIG. 4B

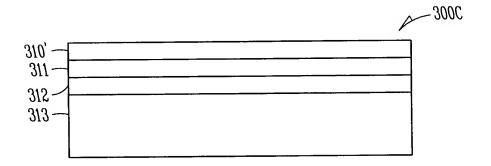


FIG. 4C

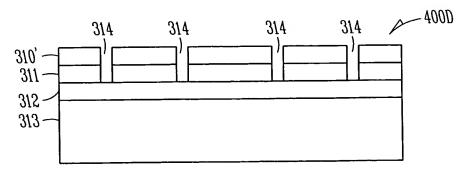


FIG. 4D

SERIAL NO.: 10/750,224 DOCKET NO.: 884.855US1

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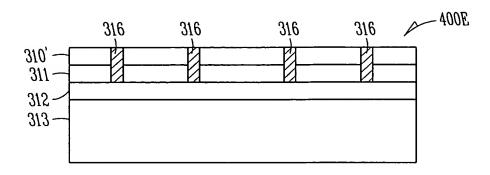


FIG. 4E

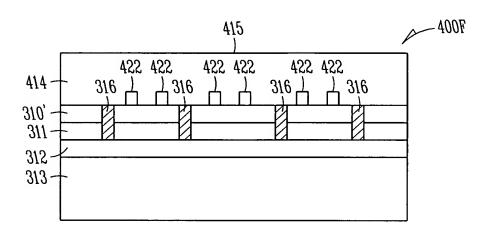


FIG. 4F

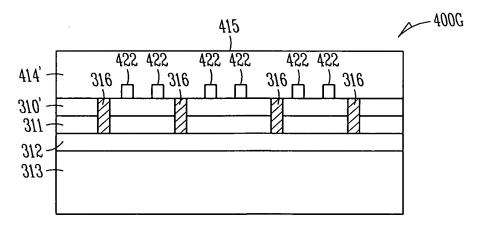


FIG. 4G

.TITLE: APPARATUS AND METHOD INTEGRATING AN ELECTRO-OSMOTIC PUMP AND MICROCHANNEL ASSEMBLY INTO A DIE PACKAGE

INVENTOR'S NAME: ALAN M. MYERS, ET AL.
SERIAL NO.: 10/750,224 DOCKET NO.: 884.855US1

S55US1 REPLACEMENT SHEET



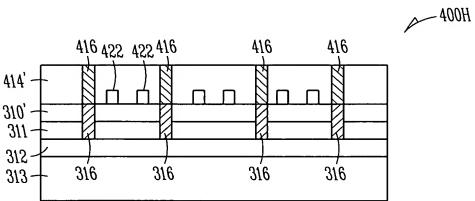


FIG. 4H

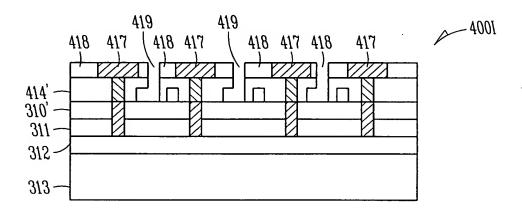


FIG. 4I

TITLE: APPARATUS AND METHOD INTEGRATING AN ELECTRO-OSMOTIC PUMP AND MICROCHANNEL ASSEMBLY INTO A DIE PACKAGE

INVENTOR'S NAME: ALAN M. MYERS, ET AL. SERIAL NO.: 10/750,224 DOCKET NO.: 884.855US1





A00J

____400K

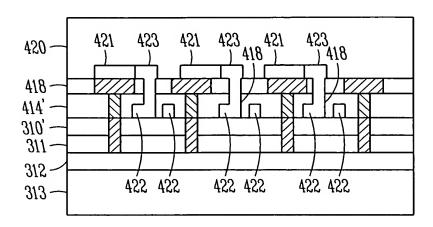


FIG. 4J

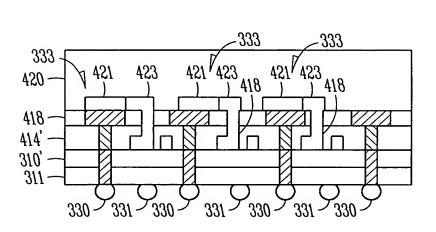


FIG. 4K

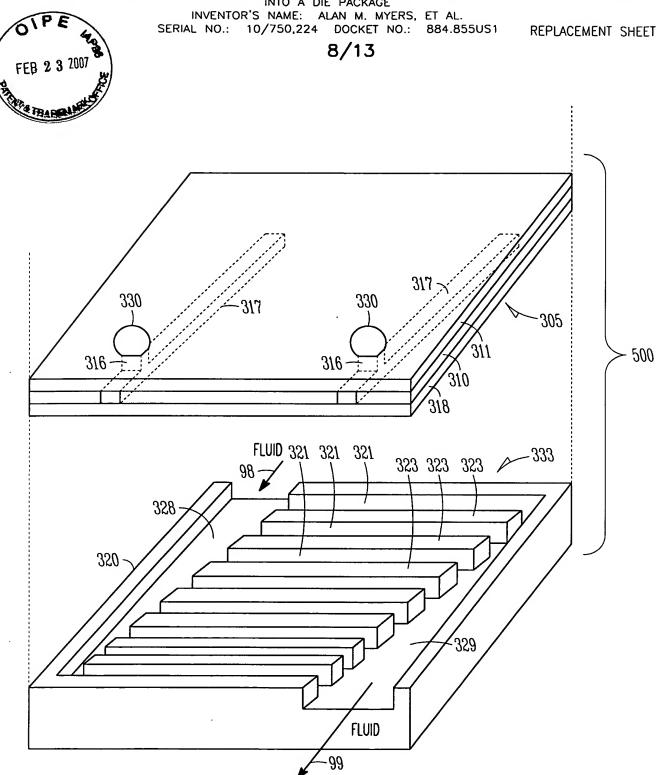


FIG. 5

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REPLACEMENT SHEET

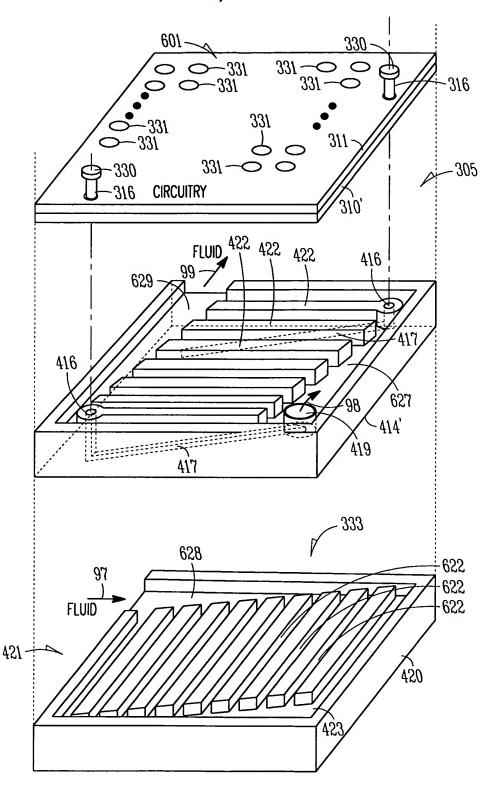


FIG. 6

TITLE: APPARATUS AND METHOD INTEGRATING AN ELECTRO-OSMOTIC PUMP AND MICROCHANNEL ASSEMBLY INTO A DIE PACKAGE
INVENTOR'S NAME: ALAN M. MYERS, ET AL.
SERIAL NO.: 10/750,224 DOCKET NO.: 884.855US1 REPLACEMENT SHEET 10/13 FEB 2 3 2007 315 317 330 330 311 - 700 310, 316 316 $\angle 98$ 728 115 322 -*299* 729 $\partial \partial$ FLUID

FIG. 7

FEB 2 3 2007

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INTO A DIE PACKAGE
INVENTOR'S NAME: ALAN M. MYERS, ET AL.
SERIAL NO.: 10/750,224 DOCKET NO.: 884.855US1 REPLACEMENT SHEET

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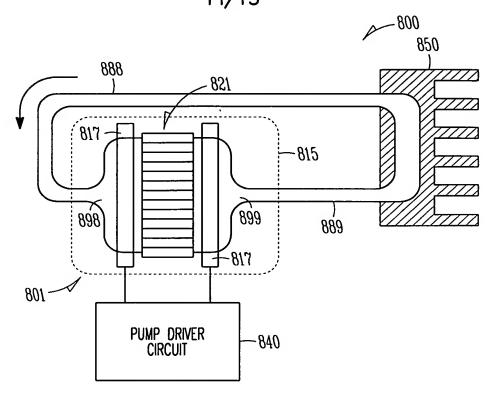


FIG. 8

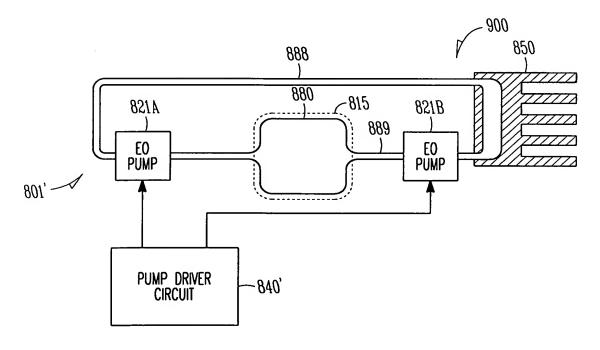


FIG. 9

FEB: 2 3 2007

SERIAL NO.: 10/750,224 DOCKET NO.: 884.855US1 REPLACEMENT SHEET

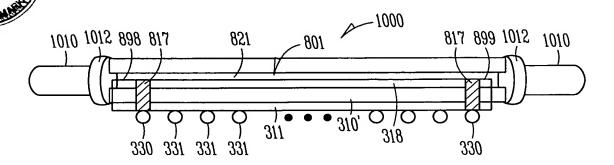


FIG. 10

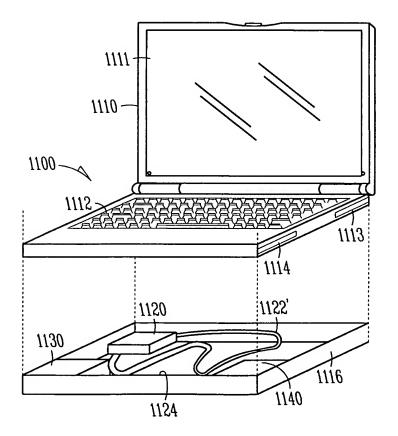


FIG. 11

REPLACEMENT SHEET



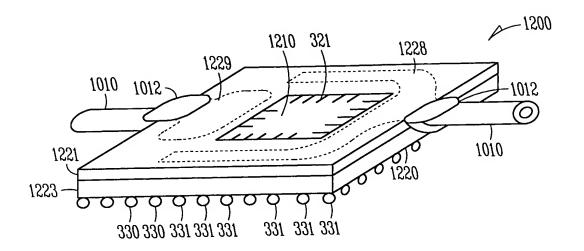


FIG. 12